Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094088.D
Acq On : 31 Mar 2017 11:20
Operator : SJ/MA
Sample : I2384-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-B42-B51-001

Quant Time: Mar 31 14:41:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	168722	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	679868	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	314917	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	574344	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	472370	20.00	ng	-0.01
86) Perylene-d12	16.24	264	332102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1268012	126.94	ng	0.02
7) Phenol-d6	5.51	99	1549765	125.41	ng	0.00
23) Nitrobenzene-d5	6.55	82	1038661	87.19	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	385802	155.03	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1893359	91.70	ng	0.00
78) Terphenyl-d14	13.35	244	1731156	82.15	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	6.09	146	76061	6.62	ng	97
31) Naphthalene	7.43	128	700938	21.44	ng	100
37) 2-Methylnaphthalene	8.27	142	156506	7.18	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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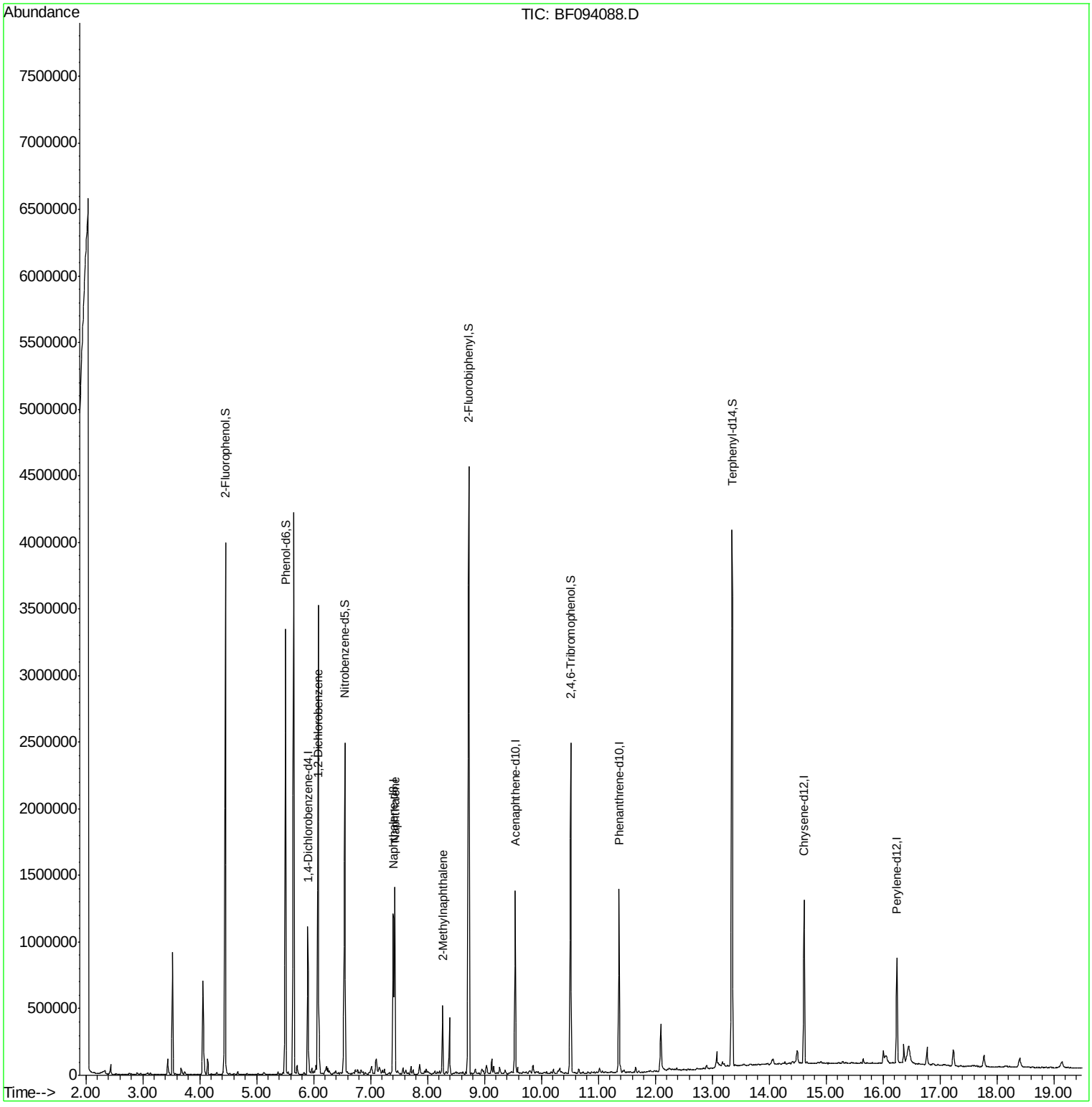
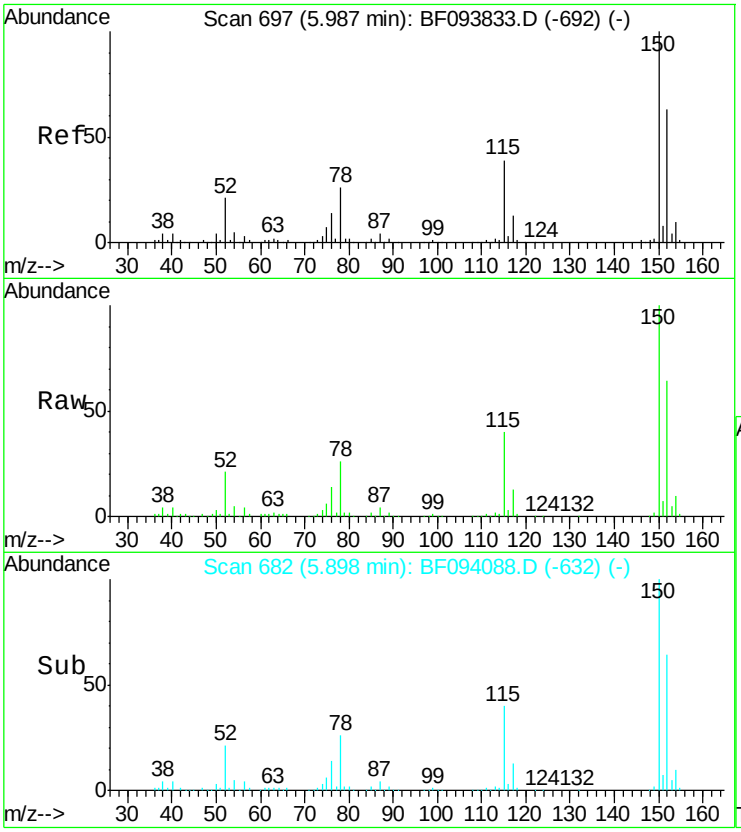


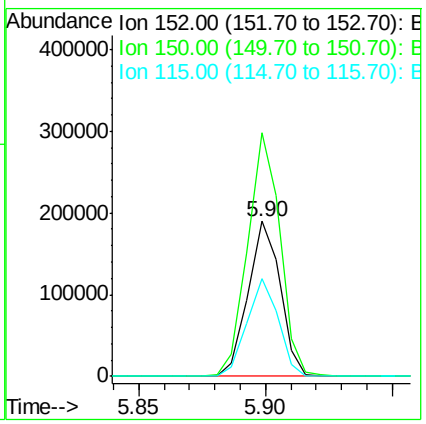


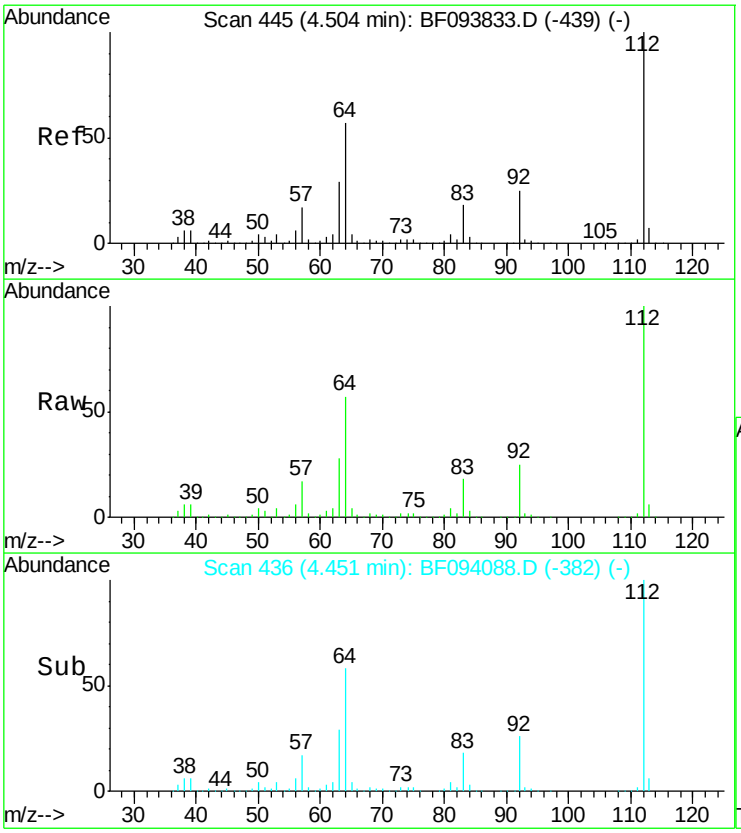
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:152 Resp: 168722

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	63.1	52.2	78.2

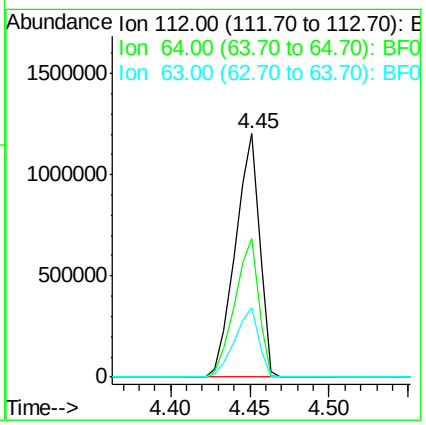


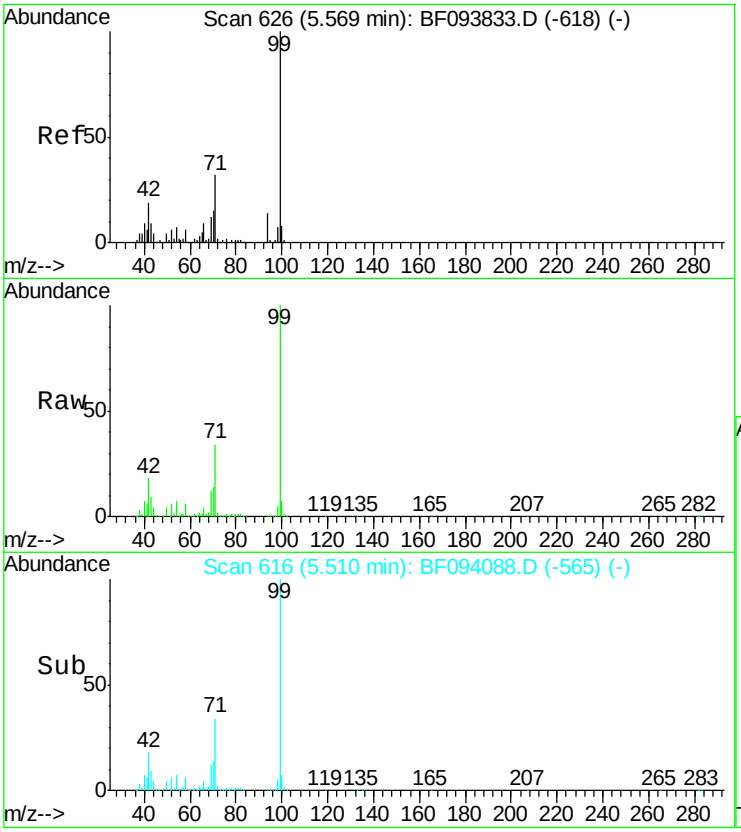


#5
2-Fluorophenol
Concen: 126.94 ng
RT: 4.45 min Scan# 436
Delta R.T. 0.02 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:112 Resp: 1268012

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.4	23.4	35.0



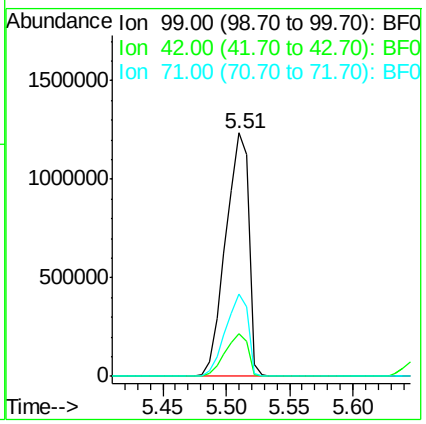


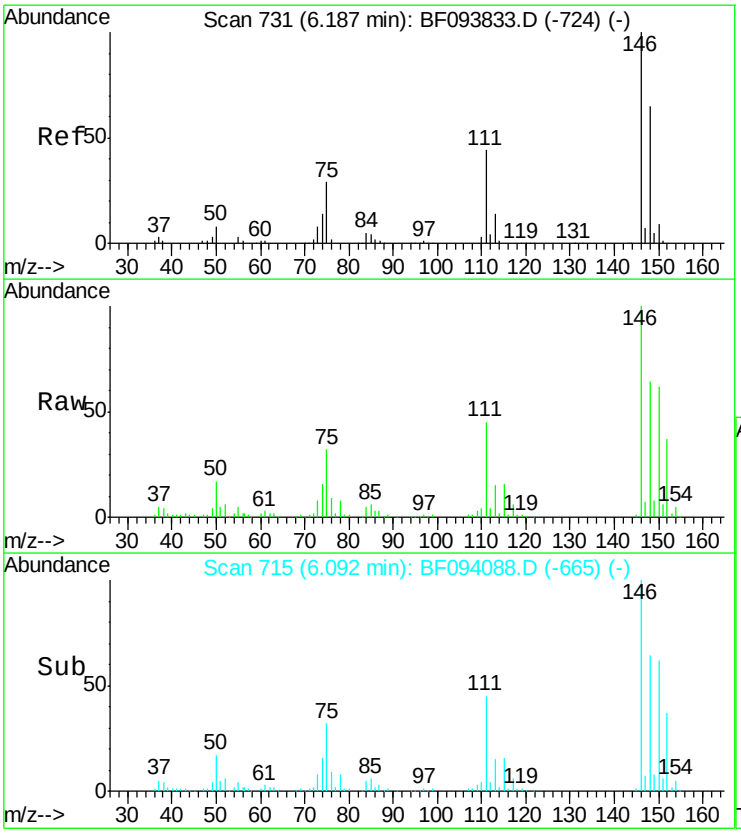
#7
Phenol-d6
Concen: 125.41 ng
RT: 5.51 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion: 99 Resp: 1549765

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	33.7	24.5	36.7

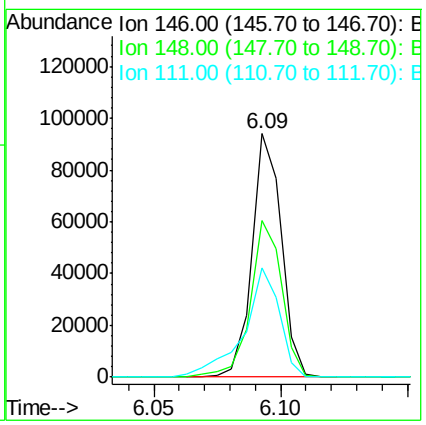


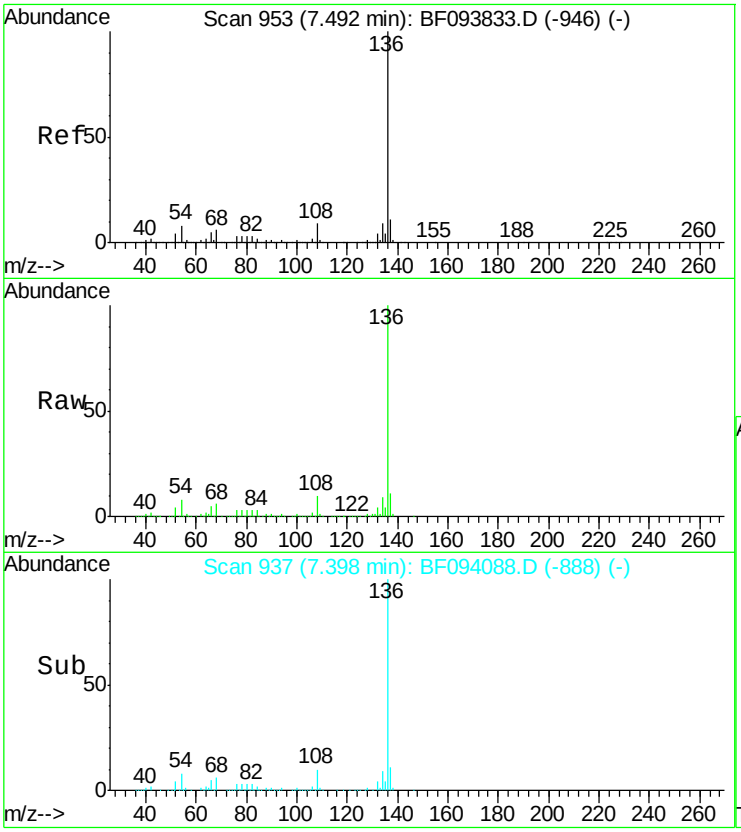


#14
1,2-Dichlorobenzene
Concen: 6.62 ng
RT: 6.09 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:146 Resp: 76061

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	44.8	38.2	57.4



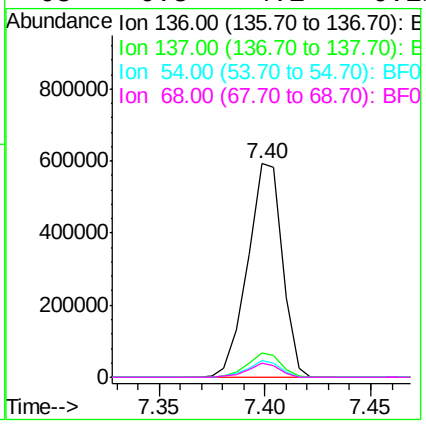


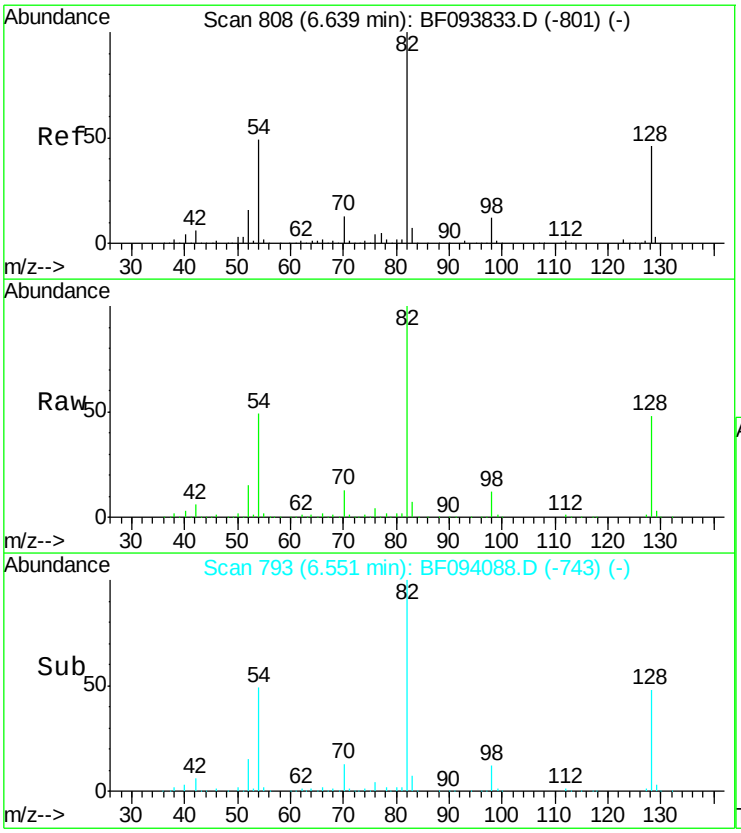
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:136 Resp: 679868

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.9	4.9	7.3#
68	6.3	4.1	6.1#

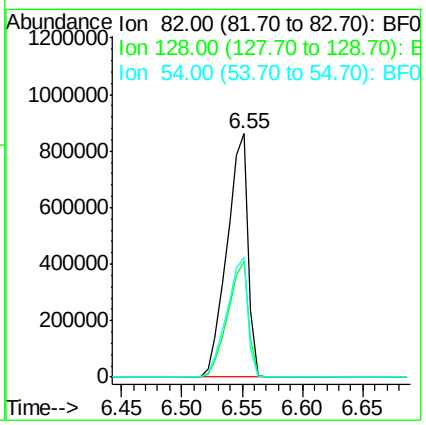


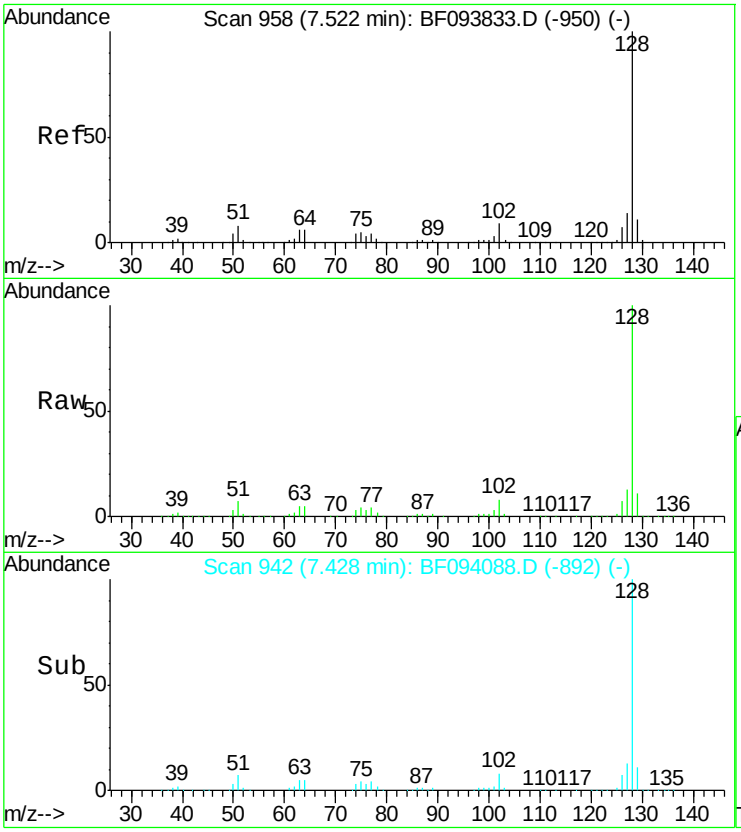


#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion: 82 Resp: 1038661

Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	48.9	42.2	63.2



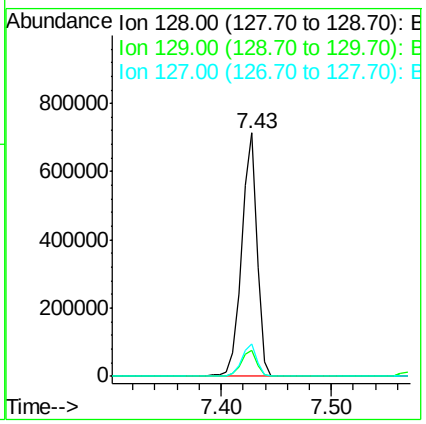


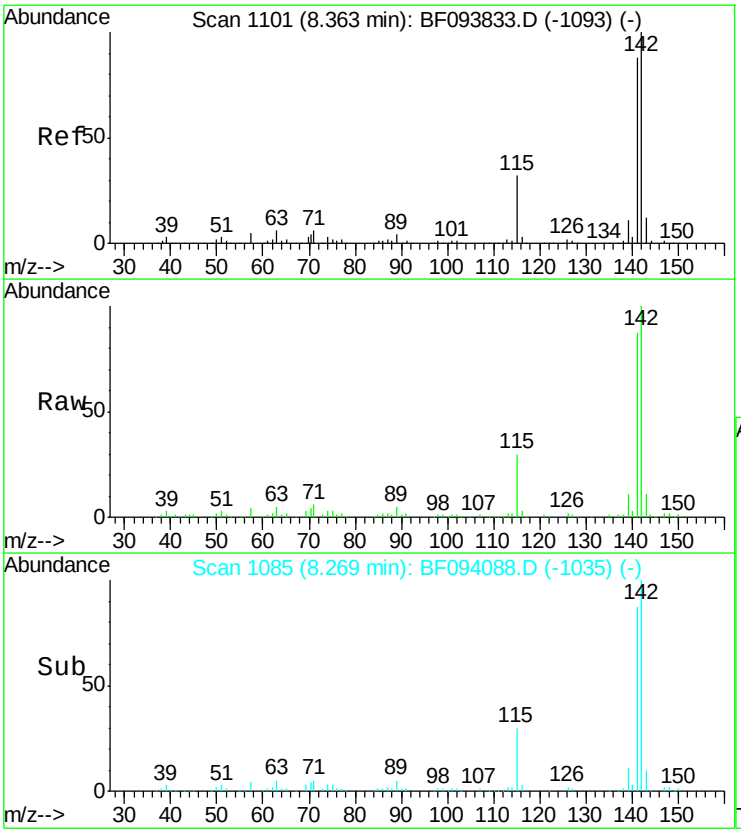
#31
Naphthalene
Concen: 21.44 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:128 Resp: 700938

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2

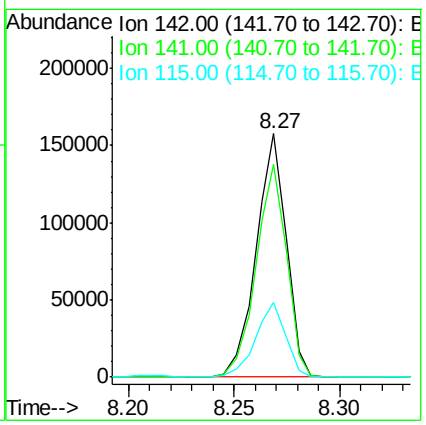


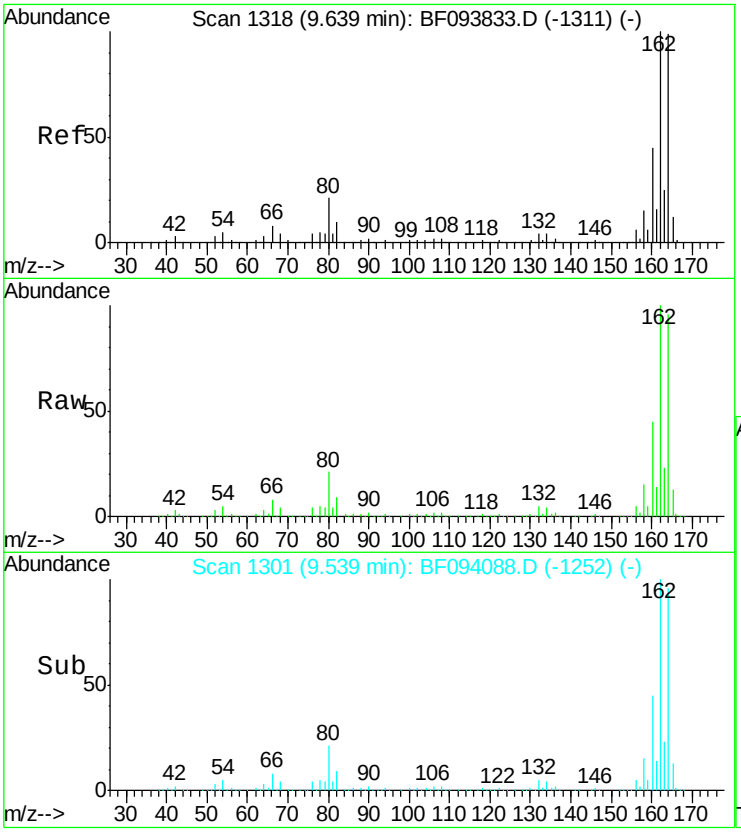


#37
2-Methylnaphthalene
Concen: 7.18 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:142 Resp: 156506

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.3	106.9
115	30.4	27.1	40.7



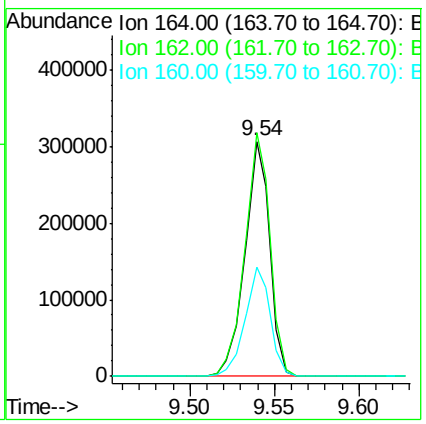


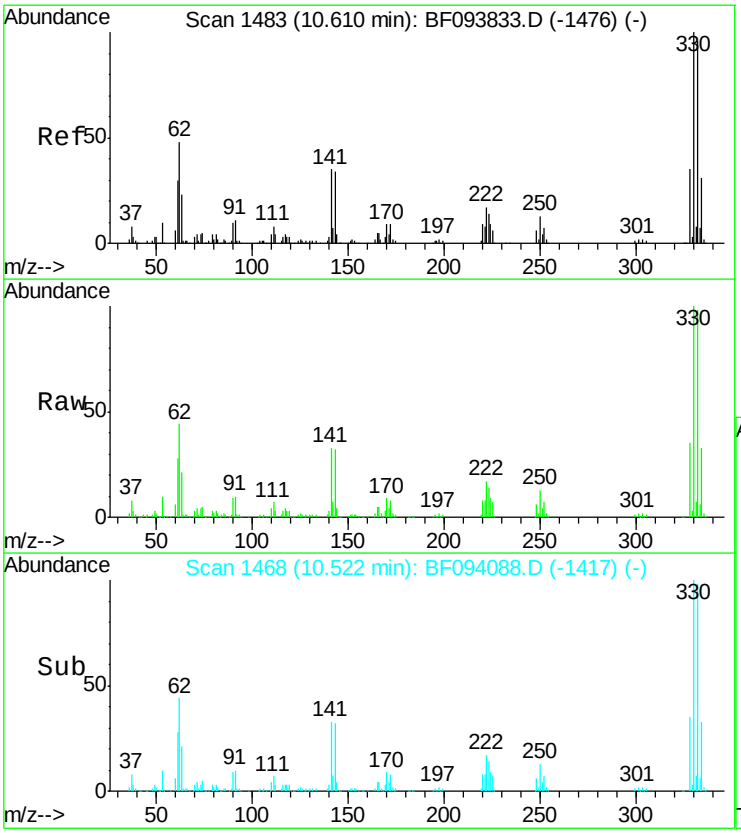
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:164 Resp: 314917

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.3	36.2	54.2

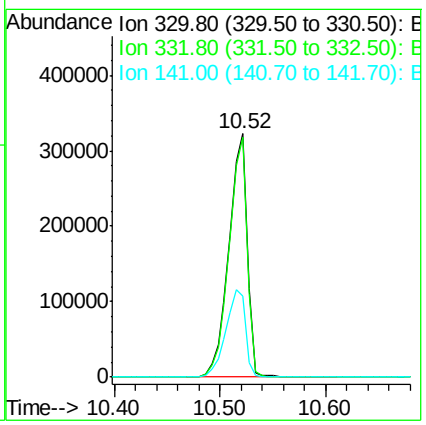


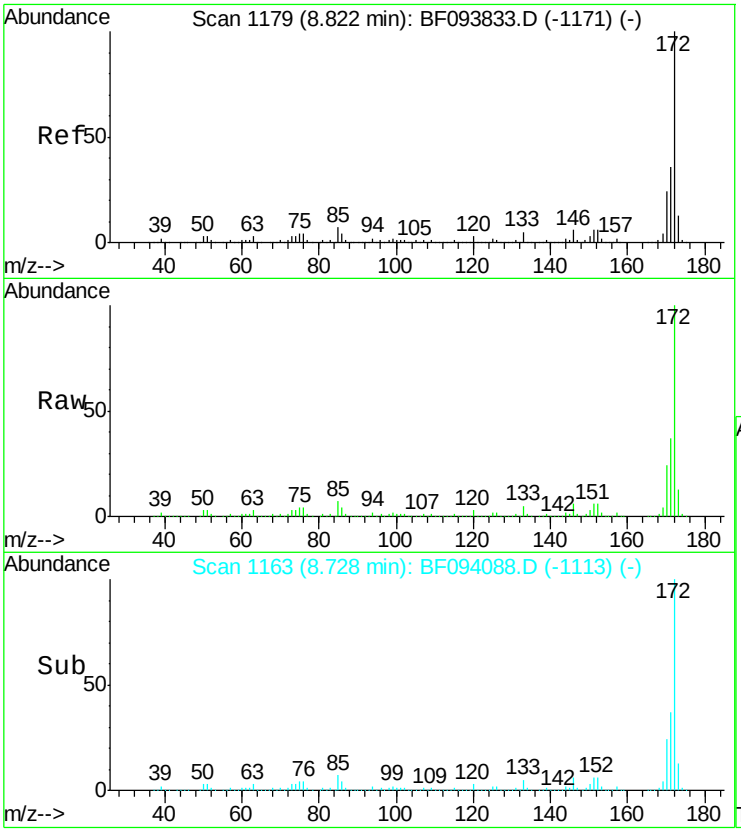


#41
2,4,6-Tribromophenol
Concen: 155.03 ng
RT: 10.52 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:330 Resp: 385802

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.5	31.4	47.2



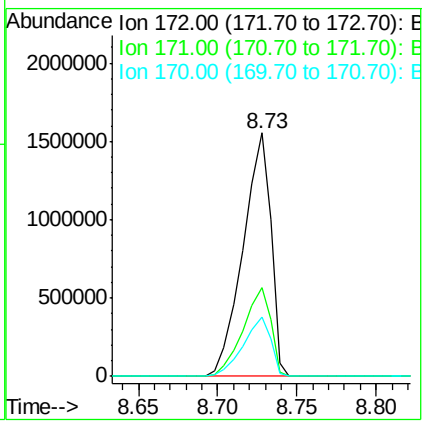


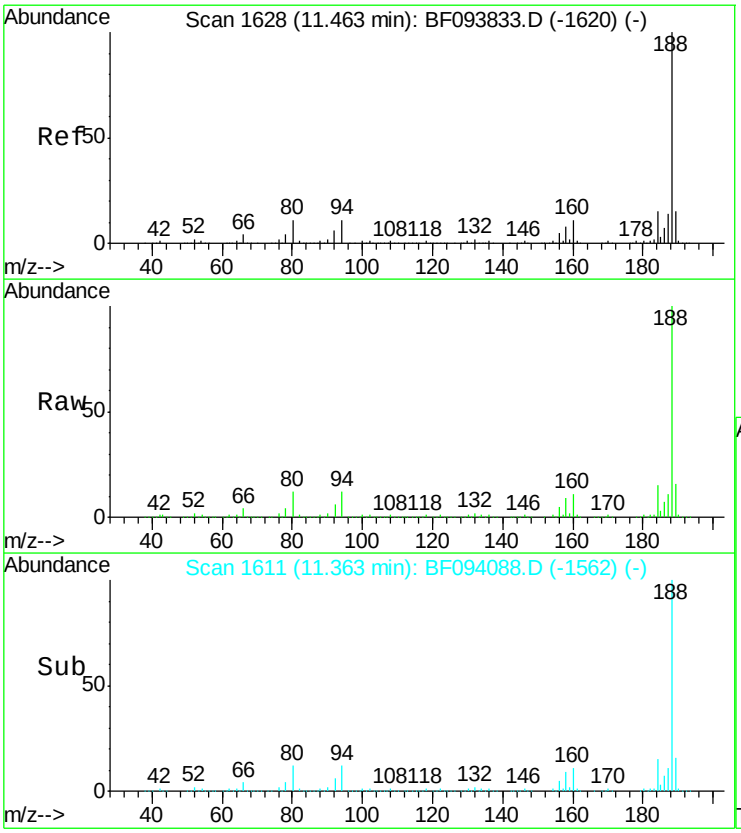
#44
2-Fluorobiphenyl
Concen: 91.70 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:172 Resp: 1893359

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8

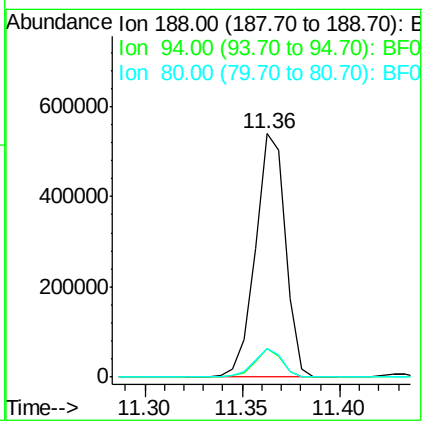


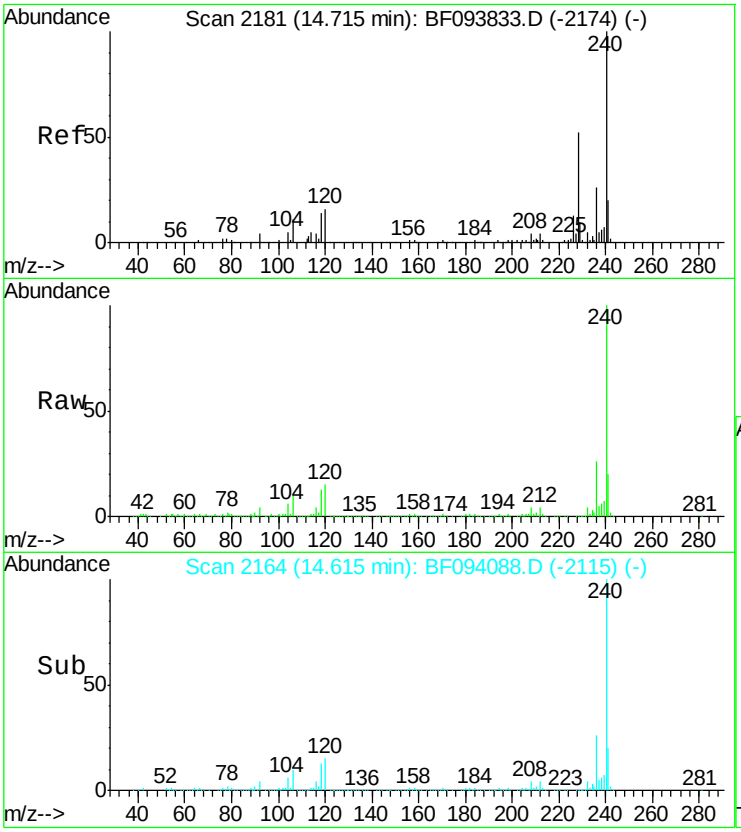


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:188 Resp: 574344

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.8	10.2	15.2



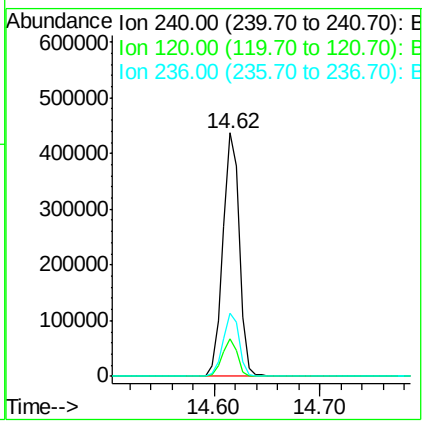


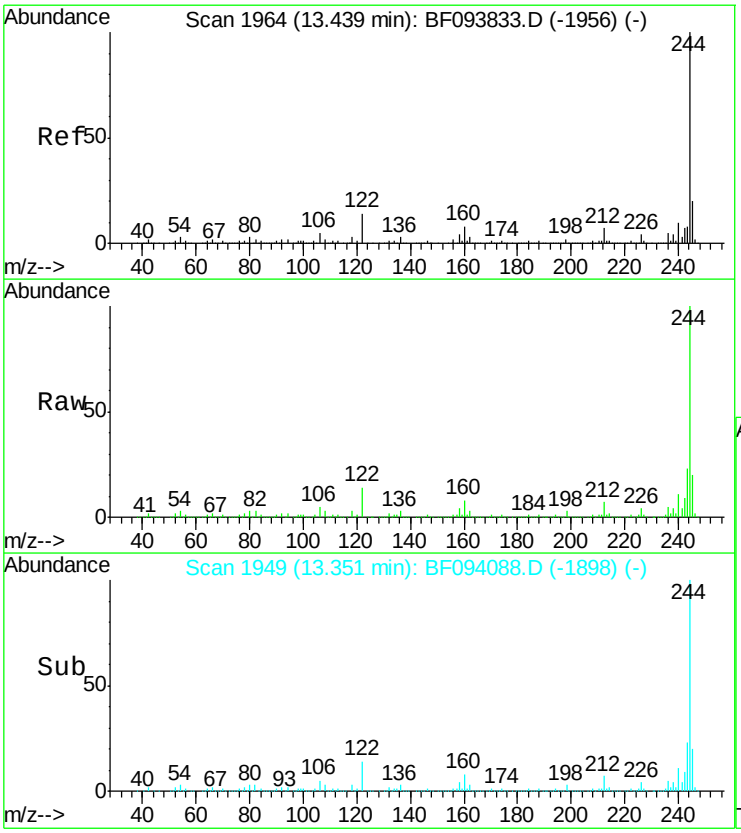
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:240 Resp: 472370

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	26.0	20.5	30.7

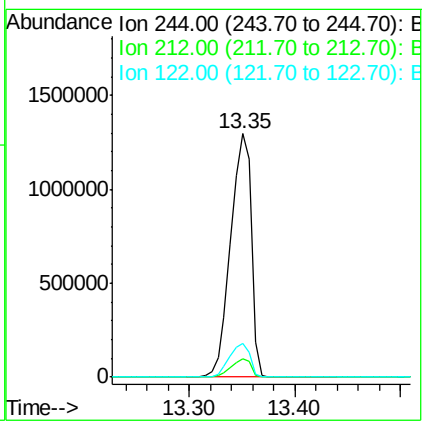


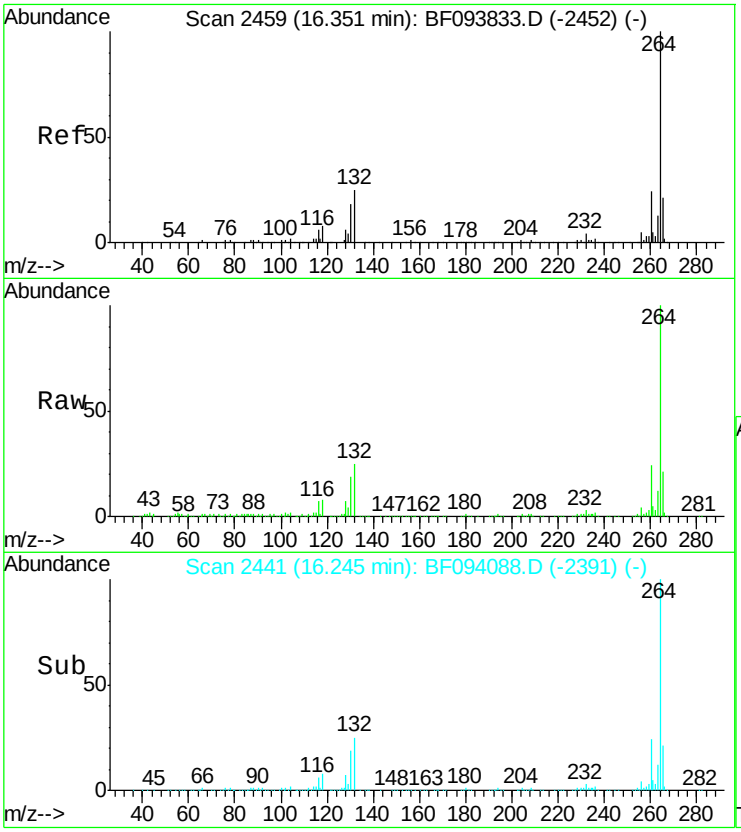


#78
Terphenyl-d14
Concen: 82.15 ng
RT: 13.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Tgt Ion:244 Resp: 1731156

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094088.D
Acq: 31 Mar 2017 11:20

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tgt Ion:264 Resp: 332102

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.0	17.2	25.8